BRUHATH BENGALORE MAHANAGARA PALIKE DASARAHALLI ZONE

Name of Work:Development Works All Around The Dog kennel Building in ward No.13

Est .Cost Rs.25.00 Lakhs

Sl No.	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PWD SR 2016-17)								
	For cills	Cum							
	w1		2	1.75	0.23	0.05	0.04		
	v1		5	0.75	0.23	0.05	0.04		
	W2		25	2.10	0.23	0.05	0.60		
	Terrace		1	39.40	5.74	0.10	22.62		
							23.30	**5876.28**	**136933.34**
2	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification								
	Terrace	sqm							
			1	39.40	5.74		226.16		
							226.16	**637.20**	**144106.60**
3	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (Page No114, Item No.15.18))								
	Outer plastering								
	All around area	sqm	2	39.86		5.35	426.50		
			2	6.20		5.35	66.34		
	Deduction						**492.84**		
	gate entrance		1	2.50		2.13	5.33		
			1	1.13		2.13	2.41		
	w1		2	1.75		1.20	4.20		
	v1		5	0.75		0.50	1.88		
	W2		25	2.10		0.65	34.13		
							47.93		
							444.91	**279.72**	**124450.25**
4	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications (page No.113, Item No.15.15)								
	inside plastering	Sqm							
	CELLS								
	LHS		52	1.70		2.70	238.68		
			52	1.20		2.70	168.48		
	RHS		58	1.70		2.70	266.22		
			58	1.20		2.70	187.92		
	Gate entrance(WALL)		2	2.13		2.70	11.50		
	Gate2		2	2.18		2.70	11.77		
	passage		2	39.40		2.70	212.76		
	Deduction						**1097.33**		

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No.	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Gate entrance		1	2.60		2.70	7.02		
			1	1.22		2.30	2.81		
	DOOR								
	LHS		26	0.70		2.40	43.68		
	RHS		29	0.70		2.40	48.72		
							102.23		
							995.11	263.52	262230.86
5	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling incluidng rounding off corners wherever required smooth rendering providing and removing scaffolding including cost of materials, labour curing complete as per specification (Page No. 114, Item No. 15.21)								
	ceiling plastering								
	LHS Cells	Sqm	26	1.70	1.20		53.04		
	RHS Cells		29	1.70	1.20		59.16		
	Main entrance		1	2.60	2.70		7.02		
	Gate2		1	2.18	2.70		5.89		
	passage		1	39.40	1.70		66.98		
	out side entrance ceiling		1	39.86	0.60		23.92		
							216.00	208.44	45023.46
6	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications (Page No. 115, Item No. 15.33)								
		Sqm					1211.11		
							1211.11	27.00	32699.97
7	Providing and fixing colour glazed tiles of size 300mmx600mm for walls with borders of size 300x100mm, set in Cement Mortar 1:3 and pointed with white cement with matching colour pigment with necessary curing, cleaning including providing and removing scaffolding wherever necessary etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for equipment, etc., complete as per specification.								
	For wall (Cells)								
	LHS	Sqm	52	1.70		1.70	150.28		
			52	1.20		1.70	106.08		
	RHS		58	1.70		1.70	167.62		
			58	1.20		1.70	118.32		
	LHS		52	0.24		1.70	21.22		
			52	0.31		1.70	27.40		
	RHS		58	0.24		1.70	23.66		
			58	0.31		1.70	30.57		
	Passage		2	1.70		1.70	5.78		
	Entrance gate		2	2.13		1.75	7.46		
	Gate2		2	2.18		1.75	7.63		
							666.02	1257.12	837260.78
8	KSRB 14. 14-5 : Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of all materials, labour, curing complete as per specification. Specification No. KBS. for Ceramic Tiles of size 30x30cms 6mm thick (PWD SR 2016-17, P.No. 105, I. No.14.36.2)								
	Flooring (cells)								
	LHS	Sqm	26	1.70	1.20		53.04		
			26	0.70	0.31		5.64		
	RHS		29	1.70	1.20		59.16		
			29	0.70	0.31		6.29		
	Entrance gate		1	2.60	2.15		5.59		
	Gate2		1	1.70	2.15		3.66		
	Passage		1	39.40	1.70		66.98		
	Deduction						**200.36**		
	chamber		8	0.60	0.60		**2.88**		

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Sl No.	Description	Unit	No.	L	B	D	Qty	Rate	Amount
							197.48	1270.08	250815.40
9	KSRB - 7.9: Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions. Specification No. KBS 7.12 (P.No.32, I.No.7.9 of PW, P&IWTD SR 2016-17)								
	w1	Kg	2	1.75		1.20	4.20		
	v1		5	0.75		0.50	1.88		
	W2		25	2.10		0.65	34.13		
					sqm		40.20		
					kg		844.20	84.24	71115.41
10	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation. (P. No. 43 / I. No. 7.37 of CSR 2016-17)								
	Entrance gate	Sqm	1	2.50		2.15	5.38		
	gate 2		1	1.13		2.15	2.43		
							7.80	3168.72	24730.28
	Plumbing work								
11	KSRB13-10.3 : Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure 25mm outside diameter chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, passwordHOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.4 / 13.9								
		Mtr	1	39.40			39.40		
			1	8.00			8.00		
	pipe connection to water storage		2	5.40			10.80		
							58.20	117.72	6851.30
12	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 200mm outer dia								
		Mtr	1	65.00			65.00	1985.04	129027.60
	Sanitory connection								
13	KSRB13-10.2 : Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure 20mm outside diameter chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.4 / 13.9								
		Mtr	8	1.00			8.00		
	outer pipe connection		2	5.40			10.80		
							18.80	103.68	1949.18
14	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 160mm outer dia								
		Mtr	8	1.00			8.00		
			18	5.20			93.60		
							101.60	1566.00	159105.60
15	C.P. brass tap with union								

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No.	Description	Unit	No.	L	B	D	Qty	Rate	Amount
		Each	12				12.00	313.20	3758.40
16	Bib cock 50mm nominal bore-NP								
		Each	8				8.00	378.00	3024.00
17	Gate value 50mm nominal bore-gun metal								
		each	3				3.00	1782.00	5346.00
18	KSRB 8.6-6 : Providing and fixing on wall surface 2.5kg / sq.cm H.D.P.E. rain down water pipes 110mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications.								
		Mtr	6	4.00			24.00	516.24	12389.76
								Total construction cost	2250818.19
								KRIDL Charges 11%	247590.00
								Sub Total	2498408.19
								Miscellaneous and unforseen Charges	1591.81
								TOTAL	2500000.00
	(Rupees Twenty Five Lakhs Only)								

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary

2 The Estimate is prepared as per the PWD SR 2016-17

3 The Provision made in estimate are adequate and essential

4. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.

Assistant Engineer
Project division,Dasrahalli
BBMP Bangalore

Asst. Executive Engineer,
Project division,Dasrahalli
BBMP Bangalore

Executive Engineer,
Project division,Dasrahalli
BBMP Bangalore

ನಂ: EE/PD/AS/5017-18 ದಿನಾಂಕ: 01/03/2018.
ರೂ: Rs 25.00 lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬಿಬಿಎಂಪಿ

ನಂ. 490/17-18 ದಿನಾಂಕ: 05-03-2018
ರೂ. 25,00,000/- (Twenty five Lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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